

existence, until a few enthusiastic and keen workers raked them up from their oblivion. So bad is their incidence in entomology that it appears that the alterations needed under them will be more numerous and revolutionary than these necessitated by the priority rules. In the interests of our beloved study entomologists should take this up on their own and not be governed by the further interference from outside by a body whose purview of natural objects is far from the almost illimitable purview of entomologists.—HY. J. T.]

### Descriptions of New Species of Noctuidae.

By A. E. WILEMAN, F.E.S. and R. J. WEST.

Collected by A. E. Wileman in the Philippine Islands, the types being in the Wileman collection. "Ridgway" has been used as the standard for colours. Colour terms in italics are not Ridgway's. Patagium = collar-tippet. Tegula = wing-base-cover.

#### AGROTINAE.

##### *Euxoa luzonensis*, sp. n.

*Male*.—Palpus drab and fuscous mixed, second segment fringed with hair-like scales, third segment small, smoothly scaled. Antenna: shaft fuscous, pectinated, pectinations ciliated. Head: frons and vertex drab and fuscous mixed. Thorax hair brown, patagium hair brown, bordered with pale drab grey posteriorly, tegula clothed with long hair-scales of hair brown and pale drab grey mixed. Abdomen drab, with hair-scales forming dorsal crest on basal segment, venter drab grey, anal tuft drab grey tinged with tawny. Pectus thickly covered with drab hairs. Legs fuscous, ringed with drab grey at joints of tarsal segments, all tibiae spined. Fore wing drab grey dusted with fuscous, the markings being formed by the fuscous predominating at the following points:—orbicular and reniform, antemedial fascia consisting of two parallel wavy lines, postmedial with an outward curve from costa to vein 2, then slight outward curve to inner margin, subterminal fascia wavy; termen fuscous, cilia drab grey; some clay colour around orbicular and reniform, and a clay coloured streak below basal half of cell. Underside fuscous, with hairs in cell, some pale drab grey scales along costa and termen forming a greyish band. Hind wing upperside drab grey, termen fuscous, cilia drab grey. Underside drab grey, with a faint fuscous spot on discocellulars, and a faintly marked subterminal band.

*Expanse* 42 mm. (Tip to tip 39 mm.)

*Female*.—Similar but differing from male in having antenna ciliated, with paired setae.

*Expanse* 38 mm. (Tip to tip 37 mm.)

*Holotype. Male.* Haight's Place, Pauai, subprov. Benguet, Luzon.  
7,000 ft. 14.XI.1912.

*Allotype. Female.* " " " " 7,000 ft. 11.XI.1912.

*Paratype. Male.* " " " " 7,000 ft. 11.XI.1912.

*Paratype. Male.* " " " " 7,000 ft. 7.XI.1912.

*Paratype. Female.* " " " " 7,000 ft. 25.VI.1913.



pallid mouse grey scales at costa, pallid mouse grey and fuscous patch below median nervure; antemedial fascia wavy, scantily edged with fuscous, and a little pallid mouse grey at costa, claviform paler than ground-colour, with a few fuscous scales distally; orbicular cinnamon buff outlined with hazel, reniform cinnamon buff with fuscous spot between two white spots near lower edge, outlined with hazel; an indistinct medial fascia curved outwardly, touching, and indented by the reniform: postmedial fascia cinnamon buff outlined with hazel, outwardly curved to vein 7, then slightly excurved to inner margin; subterminal fascia cinnamon buff edged with hazel and fuscous, angled near apex, then slightly curving to inner margin, cilia cinnamon buff and hazel mixed; underside drab. Hindwing upperside drab, underside drab with faint fuscous postmedial band, and lunule on discocellulars.

Expanse 34 mm. (Tip to tip 33mm.)

*Female*.—Antenna, ciliated, with paired setae. Forewing hazel dusted over with pallid mouse grey, markings similar to male, but not so conspicuous.

Expanse 40mm. (Tip to tip 38mm.)

*Holotype. Male.* Haight's Place, Pauai, subprov. Benguet, Luzon.  
7,000 ft. 9.XI.1912.

*Allotype. Female.* " " " " " " 30.XI.1912.

*Paratype. Male.* " " " " " " 5.XI.1912.

*Paratype. Female.* " " " " " " 30.XI.1912.

*Paratype. Female.* " " " " " " 9.XI.1912.

This species is very close to *E. gaudens*, Hmps., but is much larger.

## Lepidoptera of a Gloucester Garden.

By G. F. BIRD.

Naturally enough most entomological notes relate to rural localities. Feeling, however, that records from urban districts are not without interest I venture to send an account of the Macro-lepidoptera observed in a Gloucester garden during a 3½ years' residence in that city from September, 1923, to March, 1927. Although situated within the bounds of the city it should be mentioned that the garden adjoins a playing-field beyond which are allotments, so is in a fairly open situation. In the list of insects that follows some of the earliest and latest dates of appearance have been inserted.

RHOPALOCERA.—*Pieris brassicae*, 1st brood, 6.v.26; 2nd brood, 11.vii.25; *P. rapae*, 1st brood, 2.iv.26; 2nd brood, 10.vii.25; *P. napi*, 1st brood, 28.v.24; 2nd brood, 14.vii.24; *Euchloe cardamines*, once; *Gonepteryx rhamni*, once; *Polyommatus icarus*, 10.ix.26; *Polygonia c-album*, hyb., 8.iv.25; 1st brood, 13.vii.25 and 26; 2nd brood, 9.ix.26; *Aglais urticae*, hyb., 2.iv.26; *Vanessa io*, hyb., 15.iii.24; *Pyrameis atalanta*, hyb., 20.vi.24; fresh brood, 30.vii.25; *Epinephele jurtina*, *Coenonympha pamphilus*.